

323666

17C090

Sheet 1 of 2

## **SOIL BORING LOG**

BORING ID:

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling LOCATION: East Side of Site 17

ELEVATION: 150.57 NORTHING: 2162503.90 DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA EASTING: 6744015.58

DRILLII	NG METH	OD AN	ID EQUIPM	ENT USED: Tr	uck Mounted Push Rig	
WATER LEVELS: 9.3 ft bgs					START: 6/24/2005 9:40:00 AM END:	LOGGER: B. Moayyad
				STANDARD	CORE DESCRIPTION:	COMMENTS:
	INTERVAL (ft)  RECOVERY			PENETRATION TEST RESULTS	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE,	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
			TYPE-# SS=Split Spoon ST=ShelbyTube	6-6-6 (in) (N)	MINERALOGY.	TESTS, AND INSTROMENTATION.
0 -	0-6	2.5/ 4.0'			SM - SILTY SAND (SM), reddish brown, slightly moist, loose/soft,	
1 -					- blocky, broken gravel at 4 ft, becomes gravelly 4-6 ft, - ~15% gravel, ~60% sand, ~35% fines	_
2 <b>-</b>					-	_
3 -					-	_
4 🗕		2.2/ 4.0'			SM -	_
5 <b>–</b>					-	_
6 =	6-12				GW - WELL GRADED GRAVEL WITH SILT (GW), brown to grayish brown,	_
7 🗕					- moist to wet, medium density, ~60% gravel, ~30% sand, ~10% - fines	_
8 <b>–</b>		2.5/ 4.0'			-	_
9 <b>–</b>					-	_
10 -						_
11 -						_
12 <b>–</b>	12-14	3.5/ 4.0'			SW - WELL GRADED SAND (SW), gray, saturated, ~15% fine gravel,	10:15 Collect 10C090HP10 at 12 ft
13 <b>–</b>					3% fines -	_
14 🗕	14-24				GC - CLAYEY GRAVEL (GC), light reddish brown to gray, moist, - hard, -45% decomposing gravel, -20% sand, 35% fines	
15 <b>–</b>						_
16 =		3.0/ 4.0'				
17 =						_
18 =					-	_
19 =		2.64			-	
20 🗕		3.0/ 4.0'			GC - Same as above (GC), becomes increasingly rocky and powdery - by 24 ft	
21 🗕					-  -	
22 –					-	_



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Sheet 2 of 2

**SOIL BORING LOG CH2MHILL** PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling LOCATION: East Side of Site 17 ELEVATION: NORTHING: 2162503.90 150.57 EASTING: 6744015.58 DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA DRILLING METHOD AND EQUIPMENT USED: Truck Mounted Push Rig START: 6/24/2005 9:40:00 AM WATER LEVELS: 9.3 ft bgs END: LOGGER: B. Moayyad STANDARD PENETRATION DEPTH BGS (ft) CORE DESCRIPTION: COMMENTS: INTERVAL (ft) SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, DEPTH OF CASING, DRILLING RATE, TEST RESULTS RECOVERY DRILLING FLUID LOSS, OR CONSISTENCY, SOIL STRUCTURE, TESTS, AND INSTRUMENTATION. TYPE-# MINERALOGY. 6-6-6 (in) SS=Split Spoor 23 -GC - EOB = 24 ft bgs Not refusal, but bone dry and very very difficult 24 -25 -